Sanitized Copy Approved for Release 2010/06/07: CIA-RDP80T00246A044400140001-3 25X1 CLASSIFICATION S-E-C-R-E-T NOPORN CENTRAL INTELLIGENCE AGENCY REPORT INFORMATION REPORT 00 NO COUNTRY East Germany DATE DISTR-16 September 1958 SUBJECT Construction of Soviet Underground NQ OF PAGES Bunkers PLACE NO. OF ENCLS. ACQUIRED DATE OF SUPPLEMENT TO 25X1 NFO. REPORT NO. P DECUMENT CONTAINS INFORMATION AFFECTING THE MATIONAL DIFENSE THE UNITED STATES WITHIN THE BEANING OF THE ESPICIACE ACT STO S.C., ST AND SZ. AS AMENDED. ITS TRANSMISSION OF THE MEMELSHOOD ITS CONTENTS IN ANY MANNER TO AN UMAUTHORIZED PERSON IS PRO-THIS IS UNEVALUATED INFORMATION HIBITED BY LAW REPRODUCTION OF THIS FORM IS PROHIBITED. 25X1 Prior to April 1958, it was learned that a total of & underground bunkers of the Soviet Air Force were constructed in Rechlin, Ribnitz, Merseburg, and Erfurt. The bunkers are constructed in the same manner, with the same size and equipment. Each underground bunker, scheduled to serve as Soviet Air Force command post for air defense, consists of the bunker proper and the protection plate (and/or the splitproof plate). a. The following data on the bunker proper were known: 1 Material: steel concrete (welded) 42 m long (outside measurement) 11 m wide (outside measurement) Dimensions: 2.30 m high(vertical clearance) Foundation: 0.70 m thick Ceiling: 0.70 m thick Cuter walls: 0.70 m thick Partition walls. 0.30 m thick 0.12 m thick (burnt brick) Inner walls: Rooms: about 20 Doors: Outer doors: 7 iron doors (like airraid protection dcors) 16 wooden doors Inner doors: (on both sides of middle corridor of bunker) Entrances: 2 entrances, each of them one meter

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thick

wide; stair walls concreted; 0.30 m

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1 Supply Entrance:

This entrance is filled up with fine gravel and is shoveled out in

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emergency cases

1 Emergency Exit:

at supply entrance

Current Supply:

a. 1 transformer (100 KW)
b. 1 Diesel aggregate (60 KW)
with power supply to a nearby
radar installation

Water Supply:

See 2. With regard to the water supply there were differences in the 4 bunkers due to the local situations.

b. The following data were determined on the protection plate and/or the splitproof plate:

Material:

pure concrete of type B 300

(without iron parts)

Dimensions:

49 x 18 meters

Thickness:

in the middle part 0.85 m,

at the edges 0.65 m

Location:

2 meters above the bunker ceiling

hedded on fine-gravel pads

Covering:

at least 2 m of deposited earth, depending on the surrounding terrain, presumably with plants later on for camouflage reasons.

All dimensions are the same for all 4 bunkers. This applies also to the connections, entrances, ventilating systems, supply of high-tession current, emergency power supply etc.

The steel concrete has a four-fold cross-wise armoring. The access doors are gasproof, 15 cm whick, strengthened by so-called "twelver" sheet metal with girders and 3-shaped iron. There are minor differences in the water supply and in the earth deposits. The construction costs amount to 1.5 to 1.6 million DME for each bunker.

- The following details were known about the four underground bunkers:
  - a. Erfurt underground bunker:

Location:

about 3 km northwest of Erfurt-Bindersleben, north of the village of Alach, east of the Schaderode estate. 3

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highly usothered, slaty rock

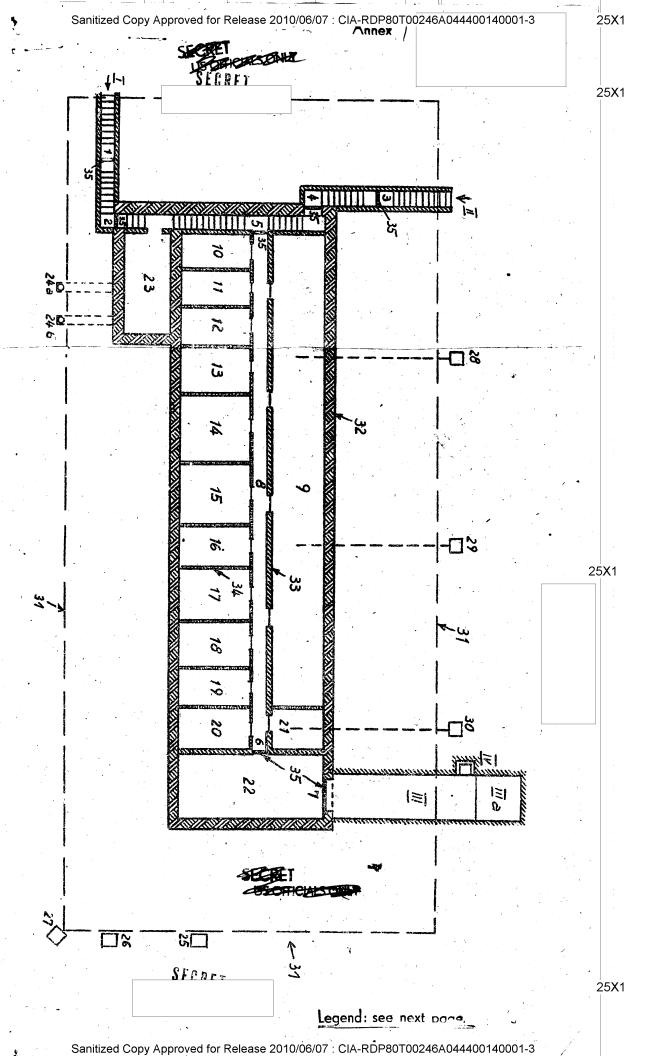
outside of the bunker.

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b.	Merseburg underground	bunker:	
	Location:	about 4 km southwest of Merseburg, about 600 m wost of Bloesien. 4	
	Nature of ground:	formerly talus (waste of coal with learn and clay)	
	Water Supply:	attached to the local water main	Í
c.	Rechlin-Laerz undergr	round bunker:	
	Location:	south of Rechlin on Sprott Hill, about 1 km southeast of Ellerholz railroad station	
	Nature of ground:	pure sand (gravel)	
	Water Supply:	water pipes, also a well in the underground bunker	
đ.	Ribnitz underground b	runker:	
	Location:	2 km north of Ribnitz, on the Haschen Hill	
	Nature of ground:	not known	
	Water Supply:	well next to the bunker (outside).	
i. le	Comment. For growgend, see Annex 1.	nd plan of underground bunker with	25X
2. Ani	Comment. For cross	-section of underground bunker, see	25X
3 a	Comment. For locat	ion sketch of Erfurt underground bunker,	25X
4. bur	Comment. For lucat	1on sketch of Merseburg underground	25X
5. bur	Comment. For locat	ion sketch of Rechlin-Laerz underground	25X
whi by out com	nker, see Annex 6. The ich had been under cons the Soviets in April 19 by the Soviets themsel	ion sketch of Ribnitz underground four underground bunkers in the GDR, truction since 1956, were taken over 50. The indoor fittings were carried was. The dates concerning the actual ng of operation of the installations aly determined.	25X

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### Legend to Annex 1

- 2 -

## Legend

# Ground Plan of Underground Bunker

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I	Entrance with stairs and iron doors (platforms in front of the doors)
11	- same as I
III	- Supply entrance with iron gate (7) and part III a which is filled up with gravel
IV	- Emergency exit
1-6	iron doors (like doors of airraid shelter)
7	iron gate at the supply entrance (like door of airraid shelter)
8	corridor, 0.80-0.85 m wide
9	big room with 4 wooden doors, presumably big air storage room, which can be subdivided in smaller rooms by partition walls
10	WC with wooden door
11	Ventilating system with filters
12	same as 11
13	room with water pipes. In the Rechlin-Laers bunker there is also a well in this room
14-17	additional rooms, utilization unknown
18	Accumulator room, tiled
19	high voltage installation
20	room with transformer (100 KW)
21	low voltage installation
22	room with Diesel-aggregate (60 KW), from here the electric circuit leads to the radar installation outside of the bunker at a distance of about 200 m
23,	room with electric motor for Soviet filter system
24 a/b	shafts to 23 and/or 11/12
25-27	ventilation and cable shafts
28_30	telephone cable shafts the rooms 9-21 are equipped with wooden doors
31	protection plate and/or splitproof plate placed above the underground bunker

Legend to Annex 1

- 3 -

- 32 bunker walls (outer walls) steel concrete, 0.70 m thick
- 33 inner walls and walls of staircase, 0.30 m thick
- 34 interior and partition walls, burnt brick; 0.12 m thick
- 35 iron doors and gates, like doors of airraid shelters

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Legend: see next page.

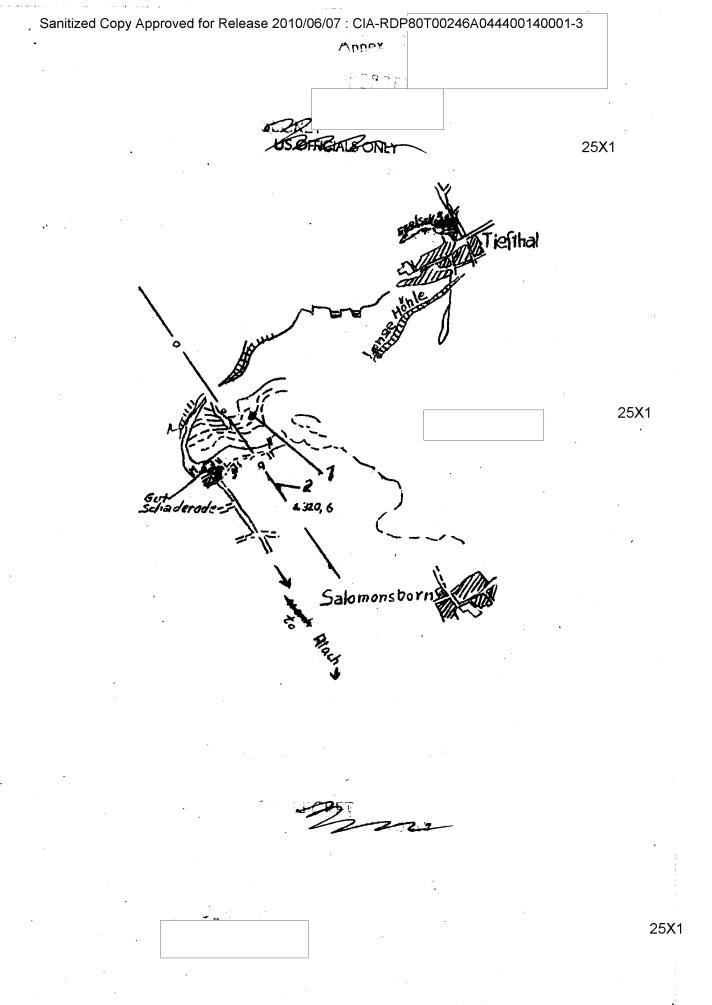
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#### Legend

- 1 bunker proper
- 2 intermediate layer gravel bed for protection plate
- 3 protection and/or splitproof plate
- 4 deposit of earth

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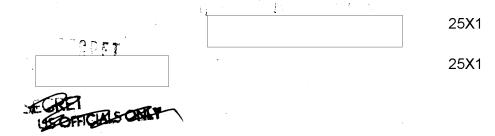
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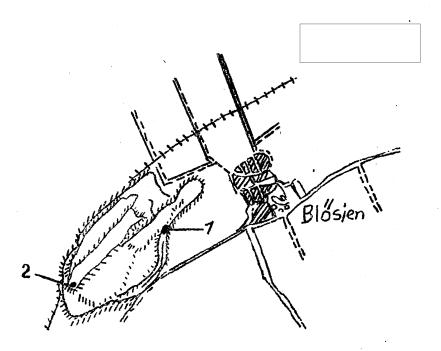
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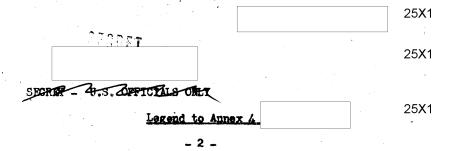
### Legend

- 1 underground bunker
- 2 high-tension power line







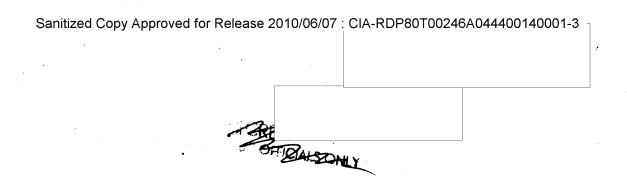


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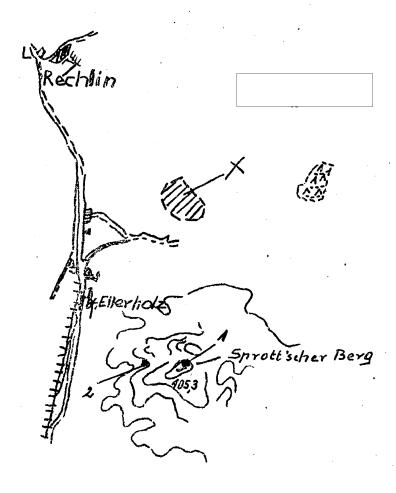
- 1 underground bunker
- 2 radar installation

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Legend to Annex 5

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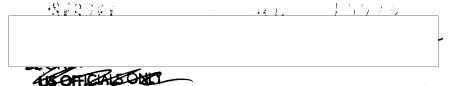
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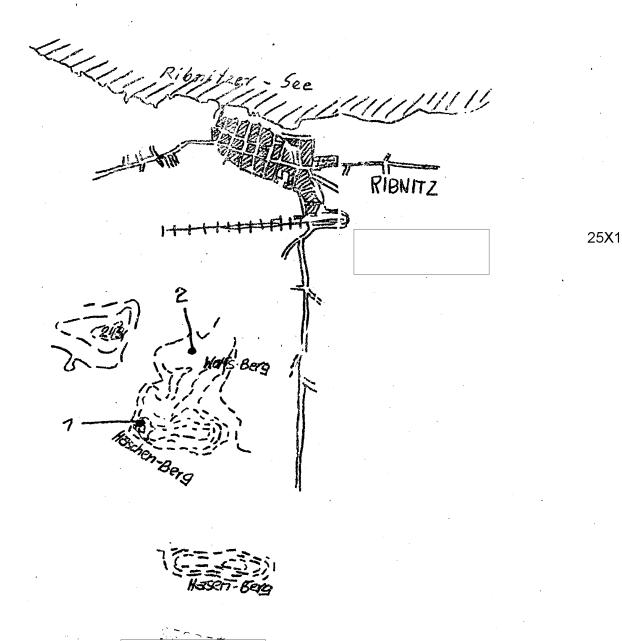
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Legend

1 - underground bunker

2 - radar installation





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# Legend

- 1 underground bunker
- 2 radar installation

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